

FORM OG-1

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 22, CODE 1931)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

To THE DEPARTMENT OF MINES, Charleston, W. Va.

Marion Franklin Byers COAL OPERATOR OR COAL OWNER

Tarrs, Westmoreland Co., Penna. ADDRESS

Carnegie Natural Gas Co NAME OF WELL OPERATOR

1014 Frick Building Pittsburgh Penna COMPLETE ADDRESS

Feb 21, 1939

PROPOSED LOCATION

Proctor District

Wetzel County

39° 45'

Well No. 1-1540 80° 35' / 3 acres

Nancy J Rush Farm

Nancy J Rush etal, Endicott, W Va OWNER OF MINERAL RIGHTS

Lydia Richmond Hrs, c/o Dr O L Richmond ADDRESS

Wheeling West Va

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated

Nov 14 1934, made by Nancy J Rush etal, to

Carnegie Natural Gas Co, and recorded on the 21st day

of Feb 1935, in the office of the County Clerk for said County in

Book 29A, page 475

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Carnegie Natural Gas Co

WELL OPERATOR

1014 Frick Building

STREET

Pittsburgh

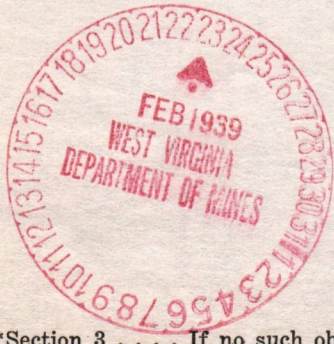
CITY OR TOWN

Pennsylvania

STATE

Address of Well Operator }

09/22/2023



*Section 3 . . . If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL
WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION

To The Department of Mines
Charleston, W. Va.

Name of Well Owner _____
Address _____

Name of Coal Operator or Coal Owner _____
Address _____

Proposed Location _____
County _____

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09/22/2023

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March 6, 1939

Carnegie Natural Gas Company
1014 Frick Building
Pittsburgh, Pennsylvania

Gentlemen:

Permit Wet-220 to drill Well No. 1-1540
on the Nancy J. Rush Farm, Proctor District, Wetzel
County, is enclosed.

Very truly yours,

Secretary
OIL AND GAS DIVISION

MG/ar
enc-2

Lat39d-45'
Long80d-35'

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	White	Hard	1145	1155			
Slate	White	Soft	1155	1195			
Lime	White	Hard	1195	1225			
Slate	White	Soft	1225	1230			
Lime	White	Hard	1230	1260			
Slate	Black	Soft	1260	1285			
Little Dunkard	White	Medium	1285	1305			
Slate	Dark	Soft	1305	1365			
Big Dunkard	Light	Hard	1365	1395			
Slate	Light	Soft	1395	1405			
Sand	Light	Medium	1405	1445			
Slate	Dark	Soft	1445	1480			
Lime	White	Hard	1480	1487			
Slate	Light	Soft	1487	1545			
Slate-Shells	Dark	Soft	1545	1612			
Sand	Light	Medium	1612	1630			
Slate	Dark	Soft	1630	1678			
1st, Salt Sand	Hard&Medium		1678	1710	Water	1690	Salty
Slate	Black	Soft	1710	1768			
Sand	White	Medium	1768	1787			
Slate	Gray	Soft	1787	1795			
Lime	White	Hard	1795	1812			
Slate	Dark	Soft	1812	1855			
Lime	Dark	Soft	1855	1873			
Maxton Sand	Light		1873	1894	Gas	1882-1893	

09/22/2023

Date..... MAY 10....., 19..

APPROVED..... CARNEGIE NATURAL GAS COMPANY....., Ow

By..... *B.A. Fisher*.....
Land Agent. (Title)

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Rittleton

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Wet-220

Oil or Gas Well Gas
(Kind)

Company Carnegie Natural Gas Company
 Address Hundred, W. Va.
 Farm Nancy J. Rush Acres 13
 Location (waters) Lynn Camp
 Well No. 1-1540 Elev. 1120
 District Proctor County Wetzel
 The surface of tract is owned in fee by C.R. RUSH
% TEXAN C. MILLER Address ENDICOTT, W. VA.
 Mineral rights are owned by NANCY J. RUSH, et al. W. VA.
LYDIA RICHMOND HRS. % Dr. O.L. RICHMOND
 Address WHEELING, W. VA.
 Drilling commenced April 11th 1939
 Drilling completed May 1st, 1939
 Date shot None Depth of shot _____
 Open Flow 8 1/2 /10ths Water in 3" Inch
 _____ /10ths Merc. in _____ Inch
 Volume 1,015,000 Cu. Ft.
 Rock Pressure 110 lbs. 3 hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 892 feet _____ feet
 Salt water 1690 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.			Kind of Packer <u>None</u>
13.	<u>300</u>	<u>254</u>	
10.	<u>300</u>	<u>254</u>	Size of _____
8 1/4.	<u>1647</u>	<u>1367</u>	
6 5/8.	<u>2253</u>	<u>1873</u>	Depth set _____
5 3/16.			
3.			Perf. top _____
2.			Perf. bottom _____
Liners Used <u>None</u>			Perf. top _____
			Perf. bottom _____

CASING CEMENTED No SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT 786 FEET _____ INCHES
890 FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	15			
Lime	Light	Medium	15	20			
Slate	Light	Soft	20	85			
Sand	Light	Medium	85	95			
Slate	Dark	Soft	95	125			
Rock	Red	Soft	125	150			
Slate	Light	Soft	150	197			
Lime	Light	Medium	197	220			
Slate	Dark	Soft	220	240			
Lime	White	Medium	240	260			
Slate	Light	Soft	260	320			
Rock	Red	Soft	320	337			
Slate	Light	Soft	337	380			
Lime	White	Medium	380	400			
Slate	White	Soft	400	448			
Slate	Black	Soft	448	465			
Lime	White	Medium	465	475			
Sand	White	Soft	475	508			
Slate	Dark	Soft	508	560			
Slate	White	Soft	560	575			
Lime	White	Medium	575	608			
Slate	White	Soft	608	650			
Lime	White	Hard	650	690			
Slate	Light	Soft	690	710			
Lime	White	Hard	710	775			
Slate	Dark	Soft	775	786			
Coal	Black	Soft	786	790			
Lime	White	Hard	790	840			Mapletown
Slate	Soft	Dark	840	890			
Coal	Black	Soft	890	894	Water	892	Pittsburgh
Lime	White	Medium	894	900			
Slate-shells	White	Soft	900	930			
Lime	White	Hard	930	940			
Rock	Red	Soft	940	945			
Lime	White	Hard	945	978			
Slate	Light	Soft	978	1000			
Rock	Red	Soft	1000	1012			
Lime	White	Medium	1012	1030			
Rock	Red	Soft	1030	1042			
Lime	White	Hard	1042	1080			
Rock	Red	Soft	1080	1090			
Slate	White	Soft	1090	1145			



09/22/2023

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



INSPECTOR'S WELL REPORT

Permit No. Wet 220

Oil or Gas Well Drill
(KIND)

Company <u>Carnegie Nat Gas Co</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Petts. Pa</u>	Size			
Farm <u>Nancy J Rush</u>	16.....			Kind of Packer.....
Well No. <u>1540</u>	13.....			
District <u>Proctor</u> County <u>Wetzel</u>	10.....	<u>254</u>		Size of.....
Drilling commenced.....	8 1/4.....	<u>1367</u>		
Drilling completed..... Total Depth <u>1894</u>	6 5/8.....	<u>1873</u>		Depth set.....
Date shot <u>not shot</u> Depth of shot.....	5 3/16.....			
Initial Open Flow...../10ths Water in..... Inch	3.....			Perf. top.....
Open Flow after tubing <u>8</u> /10ths Merc. in <u>3</u> Inch	2.....			Perf. bottom.....
Volume..... Cu. Ft.	Liners Used.....			Perf. top.....
Rock Pressure..... lbs..... hrs.				Perf. bottom.....
Oil..... bbls., 1st 24 hrs.	CASING CEMENTED..... SIZE..... No. FT..... Date			
Fresh water..... feet..... feet	COAL WAS ENCOUNTERED AT..... FEET..... INCHES			
Salt water..... feet..... feet FEET..... INCHES..... FEET..... INCHES			

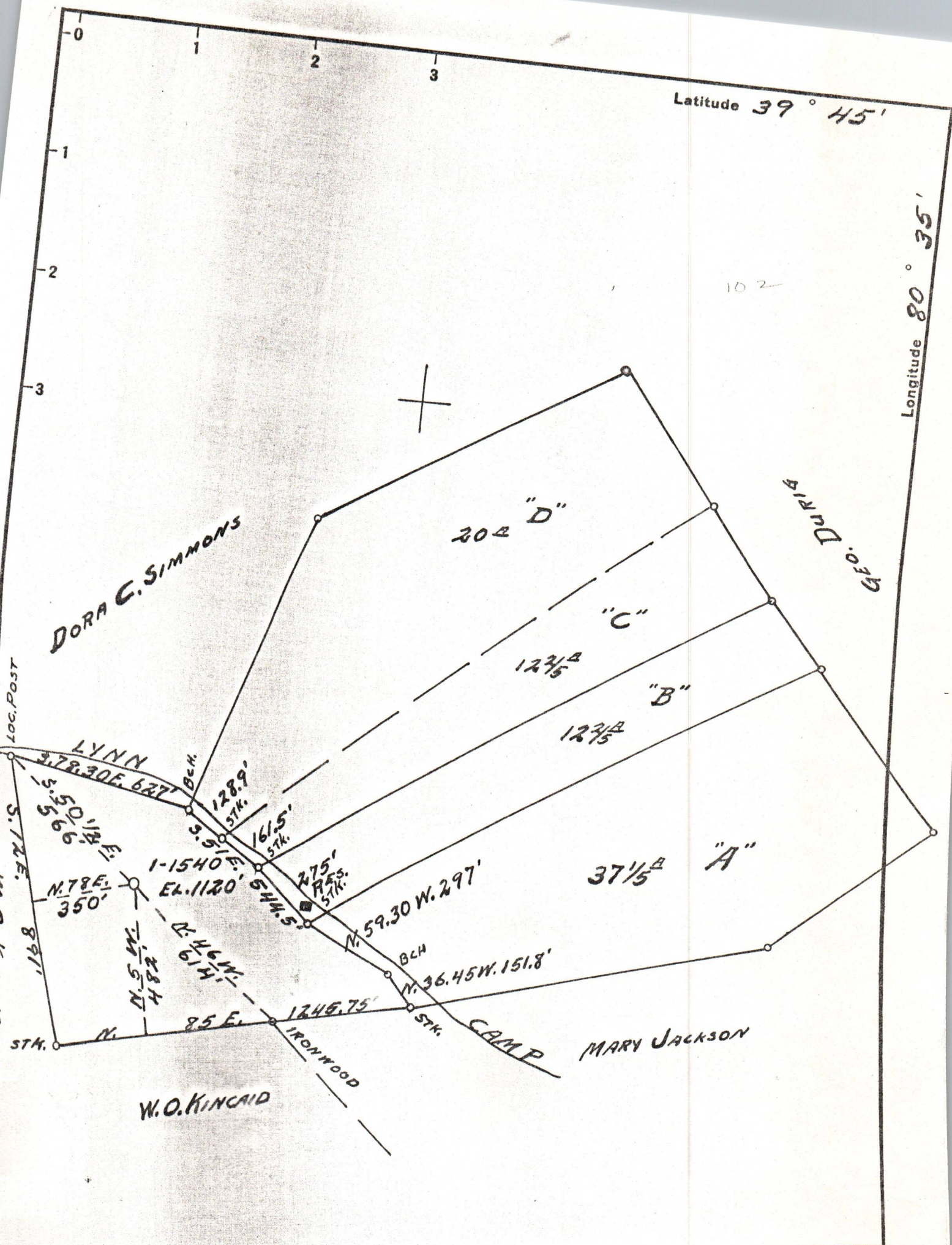
Drillers' Names Jake Wilson Harry Wilson
Alf. "

Well Abandoned and Plugged....., 19.....

REMARKS: Completed today

May 2, 1939
DATE

D. H. Courtney
DISTRICT WELL INSPECTOR
09/22/2023



Company CARNEGIE NAT. GAS COMPANY
 Address FRICK BLDG. PITTSBURGH, PA.
 Farm NANCY J. RUSH
 Tract "E" Acres 13 Lease No. E-1503577
 Well (Farm) No. 1 Serial No. 1540
 Elevation (Spirit Level) 1120'
 Quadrangle LITTLETON N.W. 1/4
 County WETZEL District PROCTOR
 Engineer D. T. BRITTON
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 2-14-1939 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Wet-220

09/22/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

09/22/2023